

PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/00738

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/53; C12N 11/02, 11/04; A61K 9/127, 9/48

US CL : 435/7.1, 177, 182; 424/450, 451

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/7.1, 177, 182; 424/450, 451

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
MEDLINE, BIOSIS, CA, SCISEARCH, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,116,747 A (MOO-YOUNG et al) 26 May 1992 (26.05.1992), see entire document.	1-23
A	US 6,099,864 A (MORRISON et al) 08 August 2000 (08.08.2000), see entire document.	1-23
A	DEGROOT et al Encapsulation of urease in alginate beads and protection from alpha-chymotrypsin with chitosan membranes. Enzyme and Microbial Technology. 2001, Vol. 29, pages 321-327), see entire document.	1-23
A	US 6,258,870 B1 (HUBBELL et al) 10 July 2001 (10.07.2001), see entire document.	1-23
A	US 5,846,530 A (SOON-SHIONG et al) 08 December 1998 (08.12.1998), see entire document.	1-23
A	WO 98/30207 A1 (DANBIOSYST UK LIMITED) 16 July 1998 (16.07.1998), see entire document.	1-23

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

16 June 2003 (16.06.2003)

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Name and mailing address of the ISA/US

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